

Title (en)  
Processs for the destruction of securities

Title (de)  
Verfahren zur Vernichtung von Wertpapieren

Title (fr)  
Procédé de destruction de valeurs mobilières

Publication  
**EP 1312666 A1 20030521 (FR)**

Application  
**EP 01870248 A 20011119**

Priority  
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Abstract (en)  
Irreversible destruction of shredded and/or ground personal documents comprising pretreating in hydrolysis and acidogenesis vessel(s) at pH less than 6 and 30-60 degrees C, transferring the product in small portions into methanization and acetogenesis vessels maintained at pH 7.2-8, for anerobic digestion at 50-60 degrees C to form methane and carbon dioxide, and immediately replacing the product by fresh material from the mixing/grinding plant, is new. <??>Independent claims are also included for the following: <??>(1) continuously operated, two-stage apparatus for the process, comprising hydrolysis and acidogenesis vessels, methanization and acetogenesis vessels, mixing and grinding plants, solid/liquid separation and decantation units and pumps for circulating the liquids in the tubes linking the various units; and <??>(2) the use of an inoculant solution (A) for the hydrolysis/acidogenesis and methanization/acetogenesis of previously shredded and/or ground personal documents, where (A) contains bacteria from a liquor obtained in methane-forming digestion, for at least 30 days at 35 degrees C, of slurry from cows fed a cellulose-rich diet, or anerobic reactors for treating cellulosic waste.

Abstract (fr)  
La présente invention se rapporte à un dispositif pour la destruction irréversible de valeurs mobilières préalablement découpées et/ou broyées, caractérisé en ce que ledit dispositif comprend au moins une cuve d'hydrolyse et d'acidogénèse (1), au moins une cuve de méthanisation et d'acétogénèse (2), au moins une unité de mélange et de broyage (3) et au moins une unité d'évacuation munie d'un filtre (4), ainsi qu'au moins une pompe (5) assurant la circulation des fluides dans les tuyaux (6) qui relient les différentes unités entre elles et qui permettent une utilisation en continu dudit dispositif. <IMAGE>

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• [XY] DE 19928663 A1 20001228 - BEG BIOENERGIE GMBH [DE]  
• [XY] DE 4446661 C1 19960208 - B A N S BIOLOG ABFALL NUTZUNGS [DE]  
• [XY] EP 0566056 A1 19931020 - RECYCLING ENERGIE ABFALL [DE]

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